

What is claimed is:

1. A mold device for injection molding of synthetic resin having a cavity surface alternately heated and cooled, comprising;

a bottoming portion provided on a parting surface of the mold for producing a molded product having a bored portion; and

a vacant space provided in said bottoming portion for reducing a contact area.

2. The mold device for injection molding of synthetic resin according to claim 1, wherein said vacant space is connected to a gas vent.

3. A mold device for injection molding of synthetic resin having a cavity surface alternately heated and cooled, comprising; a mold base, a slide core provided in said mold base, and a slide cavity block provided in said slide core; said mold base, said slide core, and said slide cavity block being separately thermally controlled.

4. A mold device for injection molding of synthetic resin having a cavity surface alternately heated and cooled, comprising;

a mold base,

a slide core provided in said mold base,

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a slide cavity block provided in said slide core,  
and

guide rails and a central rail for guiding said  
slide core, wherein a clearance is provided between said  
slide core and said guide rails arranged on opposite sides  
of said slide core, and said central rail is arranged in  
the central position of said slide core.

5. The mold device for injection molding of  
synthetic resin according to claim 3 or 4, wherein said  
mold base and said slide cavity block are provided with  
heating and cooling channels for permitting heating medium  
and cooling medium to alternately and repeatedly flow  
therein.

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